

Table 1-1 Strategy summary table

	Water Management Objectives									Cumulative Cost of Option by 2030 (\$ Billion) See narratives for backup
	Provide Water Supply Benefit	Improve Drought Preparedness	Improve Water Quality	Operational Flex & Efficient	Reduce Flood Impacts	Environmental Benefits	Energy Benefits	Recreational Opportunities	Reduce GW Overdraft	
Resource Management Strategies										
Reduce Water Demand										
Agricultural Water Use Efficiency	•	•	•	•		•	•		•	0.3 - 4.0
Urban Water Use Efficiency	•	•	•	•		•	•			2.5 - 6.0
Improve Operational Efficiency & Transfers										
Conveyance	•	•	•	•	•	•	•	•	•	0.2 - 2.4
System Reoperation	•	•	•	•	•	•		•		
Water Transfers		•	•	•		•				
Increase Water Supply										
Conjunctive Management & Groundwater Storage	•	•	•	•	•	•			•	1.5 - 5.0
Desalination - Brackish	•	•	•	•					•	0.2 - 1.6
-- Seawater	•	•	•	•					•	0.7 - 1.3
Precipitation Enhancement	•	•					•			0.2
Recycled Municipal Water	•	•	•	•		•	•	•	•	6.0 - 9.0
Surface Storage - CALFED	•	•	•	•	•	•	•	•	•	0.2 - 5.6
Surface Storage - Regional/Local	•	•	•	•	•	•		•	•	
Improve Water Quality										
Drinking Water Treatment and Distribution			•							17.0 - 21.0
Groundwater/Aquifer Remediation	•	•	•						•	20.0
Matching Quality to Use	•	•	•							0.1
Pollution Prevention			•			•		•		15.0
Urban Runoff Management	•	•	•		•	•		•	•	
Practice Resource Stewardship										
Agricultural Lands Stewardship	•	•	•	•	•	•	•	•	•	5.3
Economic Incentives (Loans, Grants, and Water Pricing)	•	•	•	•		•			•	
Ecosystem Restoration	•			•	•	•		•		7.5 - 11.3
Floodplain Management				•	•	•		•		0.5
Recharge Areas Protection	•	•	•		•				•	
Urban Land Use Management	•		•		•	•		•	•	
Water-Dependent Recreation								•		3 - 6% of total
Watershed Management	•	•	•		•	•			•	0.5 - 3.6
Other Resource Management Strategies Objectives vary by strategy (see narratives in remainder of Volume 2)										
Essential Support Activities to Integrate Strategies and Reduce Uncertainty										
The following support activities are essential for successfully integrating packages of these resource management strategies. Compared with the costs of implementing the resource management strategies, the costs are relatively small for the essential support activities shown below (see Chapters 2 and 4 of Volume 1).										
Regional Integrated Resource Planning & Management										0.25
Statewide Water Planning										0.17
Data & Tool Improvement										0.25
Research & Development										0.25
Science										3 - 5% of total

The resource management strategy estimates are not additive. Although presented individually, they are in most cases alternatives that will either complement each other or compete for limited system capacity, funding, water supplies or other component necessary for implementation.